

[54] TOUCH SCREEN MOUNTING ASSEMBLY

[75] Inventors: Charles H. Bowman, Raleigh; Jeffrey A. Farringer, Cary, both of N.C.; Richard L. Garwin, Scarsdale, N.Y.; Larry L. Greene, Cary, N.C.; James L. Levine, Yorktown Heights, N.Y.; Anthony W. Miles; Kevin H. Vorhees, both of Raleigh, N.C.

[73] Assignee: International Business Machines Corporation, Armonk, N.Y.

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Primary Examiner—Mark O. Budd

Attorney, Agent, or Firm—Gerald R. Woods

[57] ABSTRACT

A piezoelectric touch screen assembly can be attached to mounting ears on an ordinary CRT assembly. The touch screen assembly includes a frame, a glass plate which is seated on a gasket at one surface of the frame and a plurality of piezoelectric elements which are bonded to the glass plate and are "trapped" between the CRT face and the glass plate. Studs extend outwardly from the CRT ears through openings in the frame. Coil springs are placed on the studs and are trapped by washer nuts to load the touch screen assembly toward the CRT by a predetermined amount. Grommets with a unique cross sectional configuration are mounted at the openings through the frame. The grommet is designed to provide minimal resistance to movement of the touch screen assembly toward or away from the CRT face but greater resistance to movement of the assembly in other directions.

6 Claims, 4 Drawing Figures

